

**What is claim d i :**

1. A one-piece dispensing cap, comprising:

a substantially cylindrical base, defining internal threads in its lower portion and having a substantially vertical axis, and defining an annular ledge on its inner surface above said threads for sealing against a vessel;

a dispensing tube in fluid communication with said base and having an axis which lies at an angle to the axis of the base, said dispensing tube having a lower termination point which lies above the annular ledge;

an elongated airway tube in fluid communication with said base and having a lower termination point which lies above said annular ledge, wherein said dispensing tube and said airway tube lie substantially parallel to each other and define upper termination points which are adjacent to each other, and wherein said elongated airway tube defines a small diameter lower portion, extending for a short distance, and a substantially larger diameter upper portion extending for a substantially greater distance from the small diameter lower portion to the upper termination point of the airway tube.

2. A one-piece dispensing cap as recited in claim 1, wherein the small

diameter lower portion of the airway tube extends downwardly below the lower termination point of the dispensing tube.

3. A one-piece dispensing cap as recited in claim 1, wherein the

dispensing tube is straight, having the same axis for its entire length.

4. A one-piece dispensing cap as recited in claim 1, and further comprising an integral closure, defining sealing surfaces which seal against both the airway tube and the dispensing tube.

5 5. A one-piece dispensing cap as recited in claim 4, wherein the upper termination points of said dispensing tube and said airway tube are coplanar.

6. A one-piece dispensing cap as recited in claim 1, wherein said substantially cylindrical base further defines an outwardly-projecting flange on its  
10 outer surface.

7. A one-piece dispensing cap as recited in claim 6, wherein said substantially cylindrical base further defines an outwardly-projecting flange on its  
outer surface.

15

8. A one-piece dispensing cap as recited in claim 1, wherein there is an abrupt edge at the lower termination point of said dispensing tube, forming an internal ridge, for reducing drips.

20 9. A one-piece dispensing cap as recited in claim 7, wherein there is an abrupt edge at the lower termination point of said dispensing tube, forming an internal ridge, for reducing drips.

10. A one-piece dispensing cap as recited in claim 4, wherein said closure includes a first projection that extends into the airway tube and a second projection that extends into the dispensing tube, said projections being received in their respective tubes with a snug fit.

5

11. A one-piece dispensing cap as recited in claim 9, wherein said closure includes a first projection that extends into the airway tube and a second projection that extends into the dispensing tube, said projections being received in their respective tubes with a snug fit.

10

12. A one-piece dispensing cap as recited in claim 2, wherein the small diameter portion of the airway tube has an upper termination point that is coplanar with the lower termination point of the dispensing tube.

15

13. A one-piece dispensing cap as recited in claim 12, and further comprising a baffle inside the larger diameter upper portion of said elongated airway tube adjacent said small diameter lower portion.

20

14. A one-piece dispensing cap as recited in claim 12, wherein said airway tube has a first side adjacent to said dispensing tube and a second side opposite said first side, and wherein said baffle projects upwardly into said larger diameter upper portion from the second side of said small diameter portion.

15. A dispensing cap and bottle combination, comprising:

a bottle having an elongated neck defining a substantially vertical axis, said neck defining external threads at its upper end and terminating at a top edge which defines a top opening;

a seal extending across said top edge and sealing off said top opening; and

a one-piece dispensing cap mounted on said bottle, said cap comprising:

a substantially cylindrical base, defining internal threads in its lower portion threaded onto the external threads of the bottle;

said base having a substantially vertical axis and defining an annular ledge on its inner surface above said threads for sealing against the top edge of the bottle;

a dispensing tube in fluid communication with said base and having an axis which lies at an angle to the axis of the base; said dispensing tube having a lower termination point which lies above the annular ledge;

an elongated airway tube in fluid communication with said base and having a lower termination point which lies above said annular ledge,

wherein said dispensing tube and said airway tube lie substantially parallel to each other and define upper termination points which are substantially coplanar, and wherein said elongated airway tube defines a small diameter lower portion, extending for a short distance and having a lower

termination point below the lower termination point of said dispensing tube, and a substantially larger diameter upper portion extending for a substantially greater distance from the small diameter lower portion to the upper termination point of the airway tube; and

5 an integral closure on said cap, defining sealing surfaces  
which seal against said airway tube and said dispensing tube.

16. A dispensing cap and bottle combination as recited in claim 15,  
wherein said substantially cylindrical base defines an outwardly-projecting flange  
on its outer surface.

17. A dispensing cap and bottle combination as recited in claim 16,  
wherein there is an abrupt edge at the lower termination point of said dispensing  
tube, forming an internal ridge, for reducing drips.

15

18. A dispensing cap and bottle combination as recited in claim 17, wherein said integral closure has first and second projections, which are received in said airway tube and said dispensing tube with a snug fit.

19. A dispensing cap and bottle combination as recited in claim 18, and  
further comprising a baffle projecting upwardly from the small diameter lower  
portion of said airway tube into said larger diameter upper portion.

20. A one-piece dispensing cap, comprising:
- a substantially cylindrical base, defining internal threads in its lower portion and having a substantially vertical axis, and defining an annular ledge on
- 5 its inner surface above said threads for sealing against a vessel;
- a dispensing tube in fluid communication with said base, said dispensing tube having a lower termination point which lies above the annular ledge;
- an elongated airway tube in fluid communication with said base and
- 10 having a lower termination point which lies above said annular ledge;
- wherein said dispensing tube and said airway tube define upper termination points that are adjacent to each other so they can be closed with a single closure, and
- wherein said airway tube has a substantially smaller diameter at its
- 15 lower termination point than at its upper termination point.

21. A one-piece dispensing cap as recited in claim 20, wherein the majority of the length of said airway tube has a substantially larger diameter than its smaller diameter lower termination point.

20

22. A one-piece dispensing cap as recited in claim 21, wherein the lower termination point of said airway tube is lower than the lower termination point of said dispensing tube.